

REVISION								
LETTER	DRFTSMN	DATE	DESCRIPTION				APPROVED	DATE
A	DNN	6/14/04	CHG. SHT 4 DETAIL A TO SHOW FUEL RETURN CAVITIES INSTEAD OF PLATES. MINOR CHANGE - FAR 21.95				MARWILL 265-04-68	6/15/04
B	DNN	6/16/05	ADDED ITEM 48. MINOR CHANGE - FAR 21.95					

		5	5	5	26	MS21042-3	NUT				
		12	12	12	25	AN4-4A	BOLT				
		1	1	1	24	AN3-7A	BOLT				
		8	8	8	23	AN3-4A	BOLT				
		7	7	7	22	AN3-3A	BOLT				
		24	24	24	21	AN4-6A	BOLT				
		2	2	2	20	AN763-16	GASKET				
		1	1	1	19	MS21919WH26	CLAMP				
		1	1	1	18	MS29513-238	O-RING				
		3	3	3	17	MS21919WH11	CLAMP				
		1	1		16	204-060-667-003	O-RING				
					1	15	MS29513-270	O-RING			
		1	1	1	14	MS29513-224	O-RING				
		4	4	4	13	MS29512-08	O-RING				
		2	2	2	12	MS29512-04	O-RING				
		1	1	1	11	41228-301-068-003	MOUNTING PLATE, INSTL.				
		1			10	21228-301-095-003	PLATE ASSY				
					1	9	21228-301-095-001	PLATE ASSY			
					1	8	41228-301-094-001	PLATE ASSY			
		4	4	4	7	41228-202-092-001	RETAINER				
		2	2	2	6	1103P0553	PRESSURE SWITCH				
		1	1	1	5	41228-202-142-002	COVER, FUEL RETURN LINE				
		1	1	1	4	41228-202-142-001	COVER, FUEL RETURN LINE				
		2	2	2	3	41228-202-141-001	FAIRING, FUEL RETURN LINE				
		1	1	1	2	41228-301-065-002	CAVITY ASSY, FUEL RETURN				
		1	1	1	1	41228-301-065-001	CAVITY ASSY, FUEL RETURN				
						-005	FUEL RETURN SYSTEM INSTALLATION BELL 205A-A1				
						-003	FUEL RETURN SYSTEM INSTALLATION BELL 212				
						-001	FUEL RETURN SYSTEM INSTALLATION BELL 412 S/N 33001-33107				
		-005	-003	-001		FIND NO.	PART NO.	NAME	STOCK SIZE	MATERIAL	MATL.SPEC.
											ZONE
						NO. REQ'D PER ASSY.		LIST OF MATERIAL			

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							STRESS					
							X. ± .1					
							XX ± .03	PROJ. ENGR.				
							XXX ± .010	HEAT TREAT	DWG. SIZE	C	SCALE	NONE
	DASH NO.	REQ'D PER ASSY					ANGLES ± $\frac{1}{4}$	FINISH	Era Helicopters LLC	DWG. NO.	REV.	
										41228-300-008		B
										SHT 1 OF 6		

- ⚠ BOND WITH CB200 CLICK BOND ADHESIVE.
- ⚠ COUNTER BORE TO PROVIDE RIVET RELIEF FOR EXISTING RIVET PATTERN AS REQUIRED.
- ⚠ THE COMPOSITE MATERIAL MUST BE Sanded TO REMOVE THE TOP COAT OR WAX COAT. LIGHTLY SAND THE NUT PLATE ALSO TO ENSURE MAXIMUM BONDING. BOND WITH CB200
- ⚠ MIN OF 2 NUTPLATES REQ'D IF CONFLICT FOR 3 NUTPLATES EXIST.
- 4. USABLE ON BELL 205A/A1, 212 & 412SN 33001-33107
- 3. ALL TORQUES ARE STD. UNLESS SPECIFIED ON DWG.
- 2. CONDUCT FUEL SYSTEM LEAK CHECK IN ACCORDANCE WITH APPLICABLE BELL 212, 205 MAINT. MANUAL AFTER INSTL.
- ⚠ ALL FLEXIBLE HOSES SHALL BE APPROVED TO TSO-C53a.

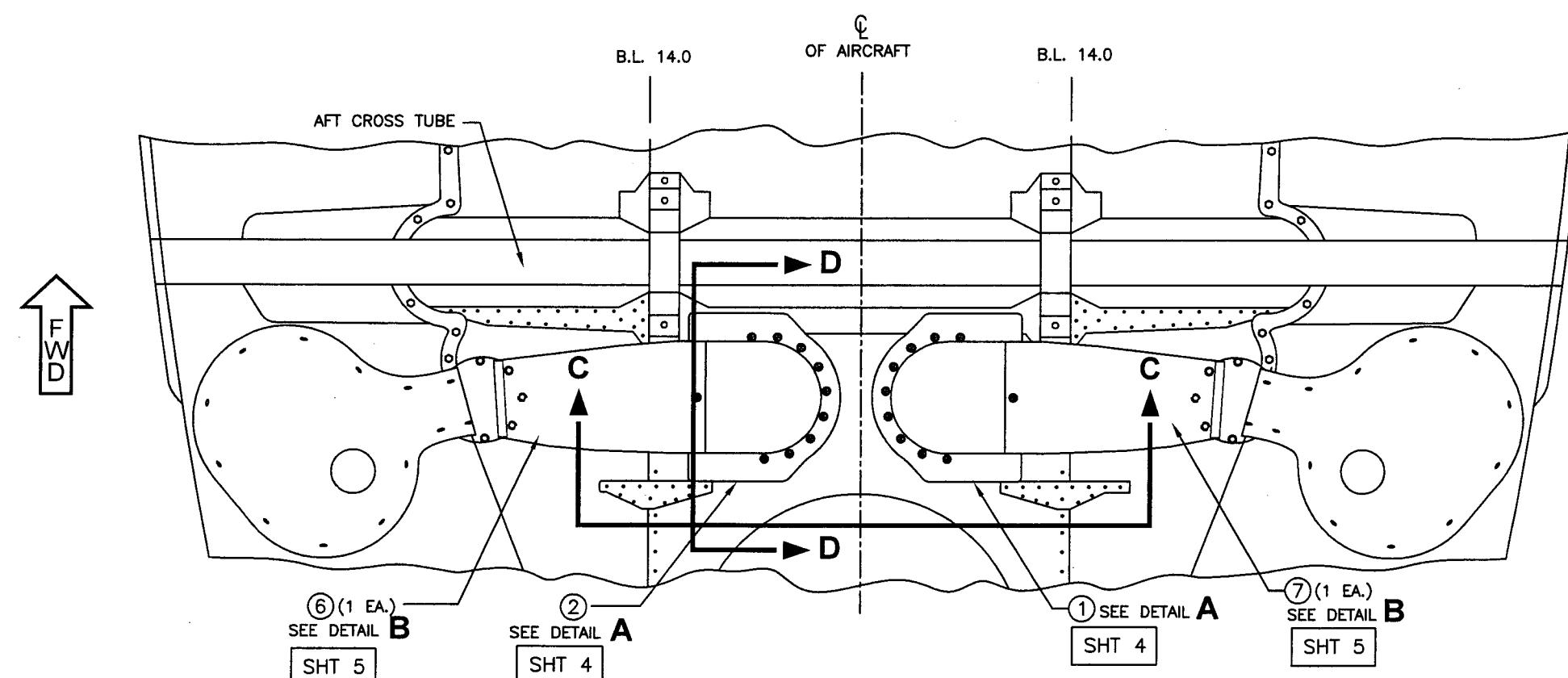
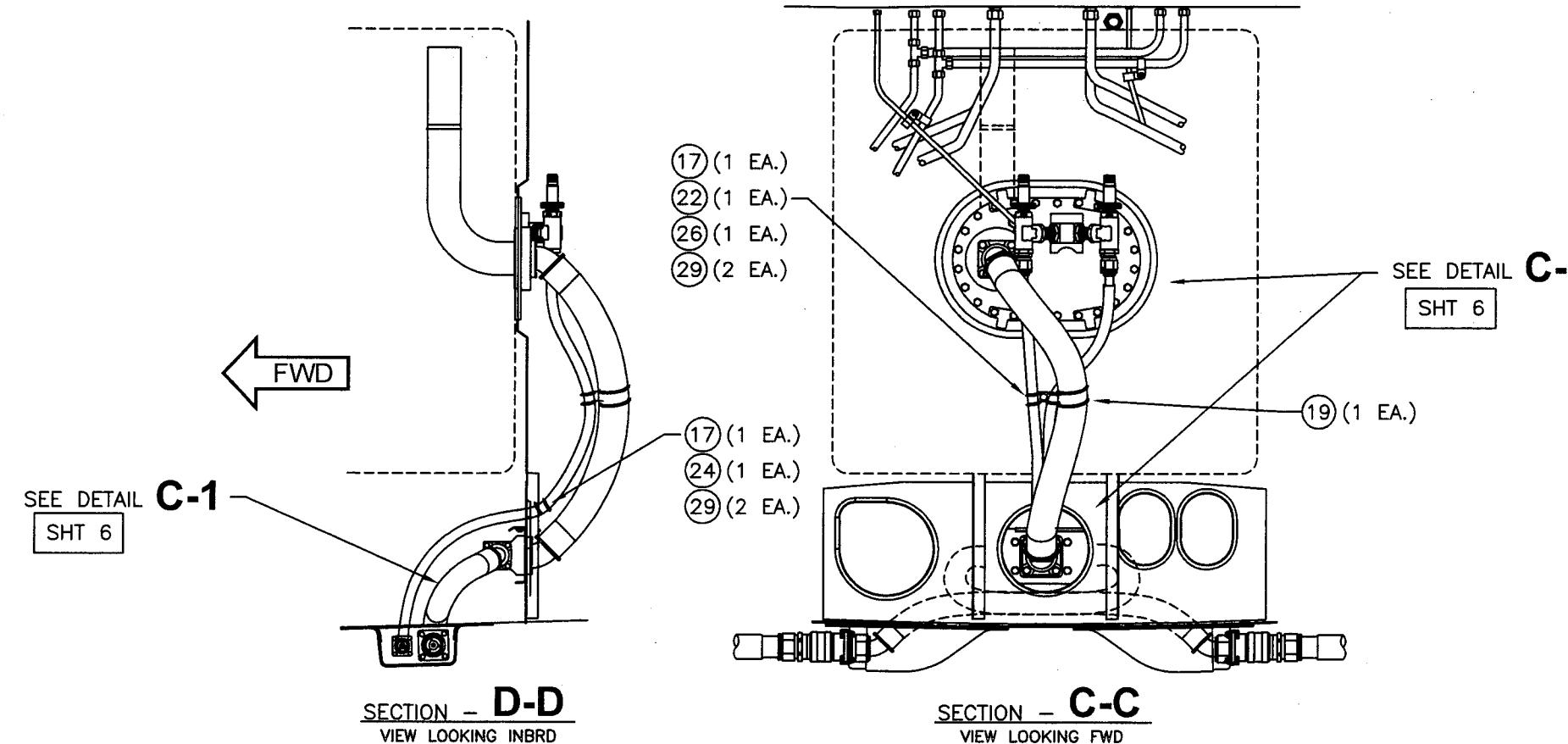
NOTES:

⑧	28	28	28	48	AN960JD416	WASHER				
	1	1	1	47	MS27194-24	GASKET				
	2	2	2	46	41228-301-092-001	#24 FLANGE TO #16 FITTING				
	1	1	1	45	41228-202-119-001	FUEL HOSE BLOCK				
	4	4	4	44	AN4-7A	BOLT				
	3	3	3	43	CB2009AA3S	NUTPLATE				
	2	2	2	42	MS27039-1-11	SCREW				
	12	12	12	41	MS20426AD3-4	RIVET				
	6	6	6	40	MS21059L3	NUTPLATE				
	2	2	2	39	41228-301-078-001	GROMMET				
	2	2	2	38	AN893-8D	REDUCER				
	2	2	2	37	AN938-8D	TEE				
	2	2	2	36	AN924-8D	NUT				
	2	2	2	35	AN815-8D	FITTING				
	1	1	1	34	PS4023M000EE230A	HOSE ASSY		ERA AVIATION		
	2	2	2	33	PS4023H000DF396A	HOSE ASSY		ERA AVIATION		
	2	2	2	32	PS4023M270ET175A	HOSE ASSY		ALT P/N AE710250-19		
	2	2	2	31	PS4023M080ET230A	HOSE ASSY		ALT P/N AE710250-17		
	25	25	25	30	MS27039-1-10	SCREW				
	12	12	12	29	AN960JD10L	WASHER				
	8	8	8	28	AN960JD416L	WASHER				
	35	35	35	27	AN960JD10	WASHER				
	-005	-003	-001	FIND NO.	PART NO.	NAME	STOCK SIZE	MATERIAL	MATL.SPEC.	ZONE
NO. REQ'D PER ASSY.										
LIST OF MATERIAL										

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TITLE	FUEL RETURN SYSTEM INSTALLATION	SIZE	DWG. NO.	REV.
		C	41228-300-008	
			SHT 2 OF 6	B



-001 INSTALLATION

VIEW LOOKING UP AT
BOTTOM OF A/C

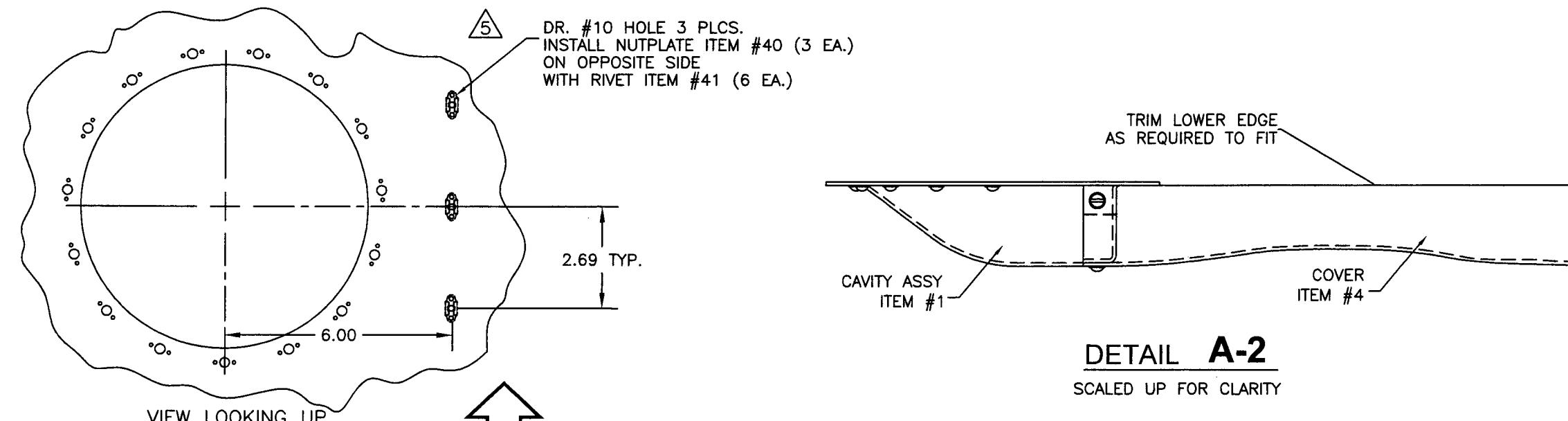
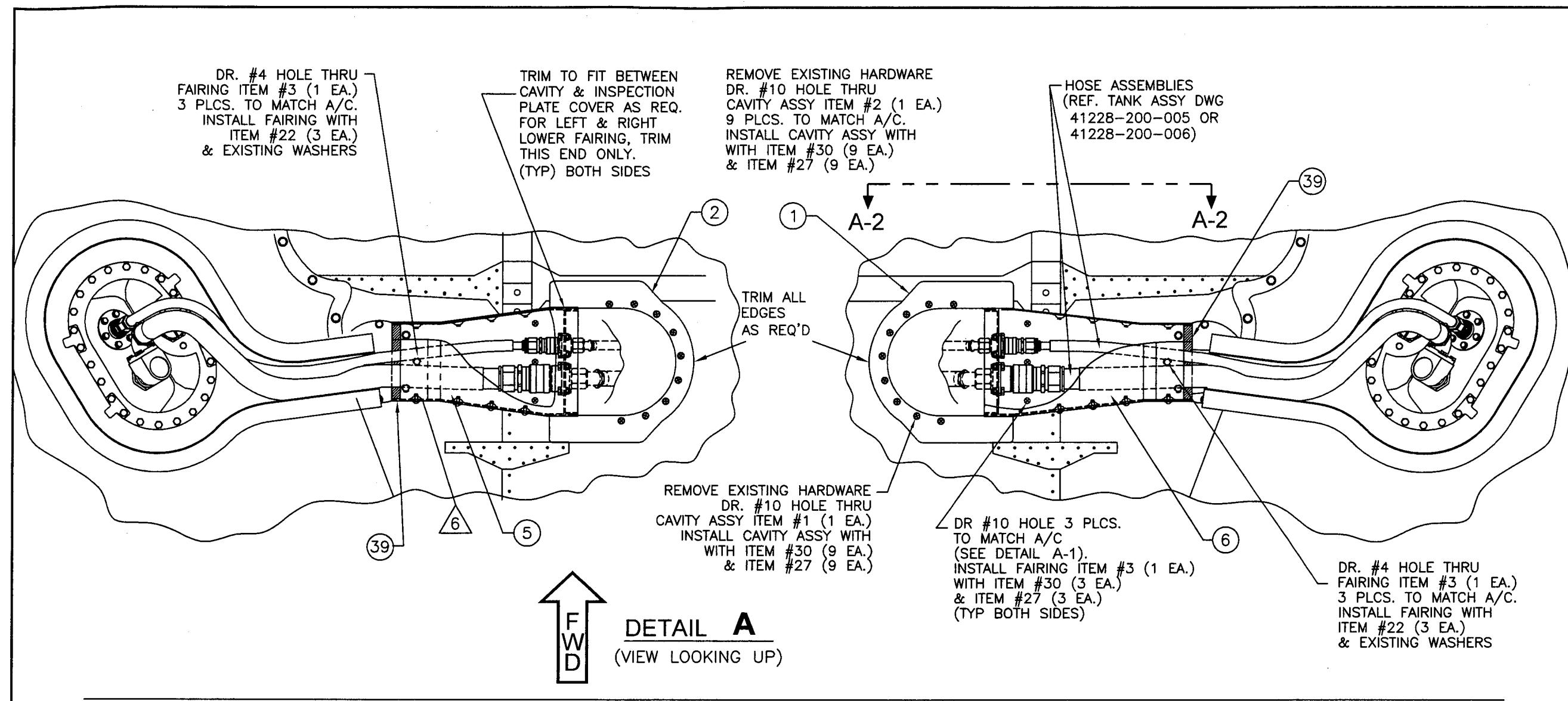
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TITLE
FUEL RETURN SYSTEM INSTALLATION

SIZE
C
DWG. NO.
41228-300-008
REV.
B
SHT 3 OF 6

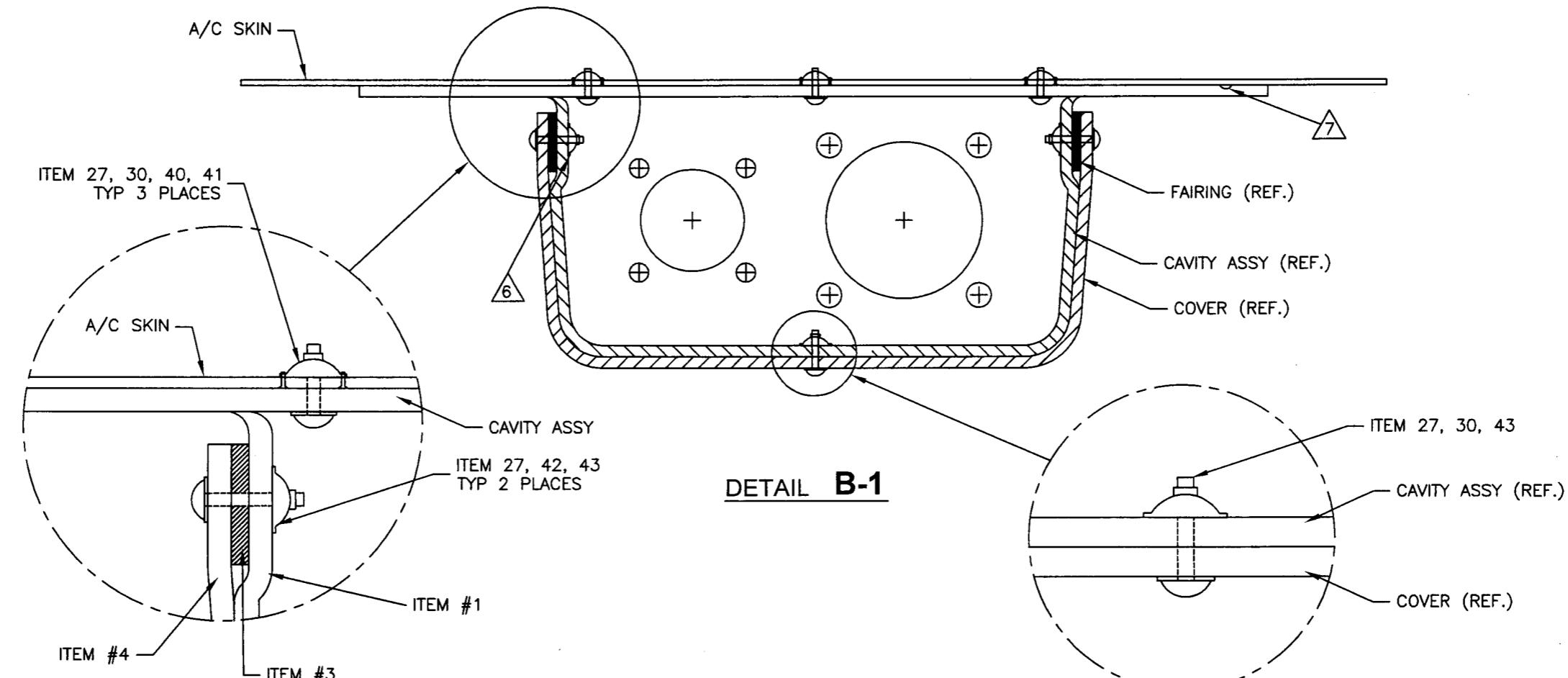


DETAIL A-1
INSTALLATION TYP. BOTH SIDES

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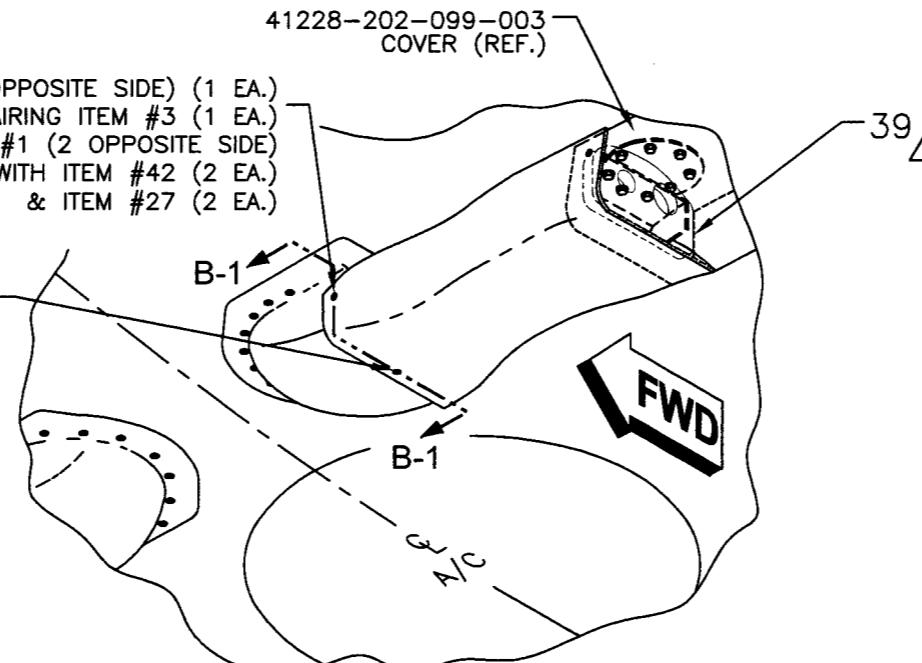
TITLE	FUEL RETURN SYSTEM INSTALLATION	SIZE	DWG. NO.
	C		41228-300-008
			SHT 4 OF 6
			REV. B



41228-202-099-003
COVER (REF.)

ATTACH COVER ITEM #4 (#5 OPPOSITE SIDE) (1 EA.)
& FAIRING ITEM #3 (1 EA.)
TO CAVITY ASSY ITEM #1 (2 OPPOSITE SIDE)
WITH ITEM #42 (2 EA.)
& ITEM #27 (2 EA.)

DR. #10 HOLE THRU COVER ITEM #4
(5 OPPOSITE SIDE) (1 EA.)
TO MATCH CAVITY ASSY ITEM #1
(2 OPPOSITE SIDE) (1 EA.)
ATTACH COVER TO ASSY WITH
WITH ITEM #30 (1 EA.)
& ITEM #27 (1 EA.)



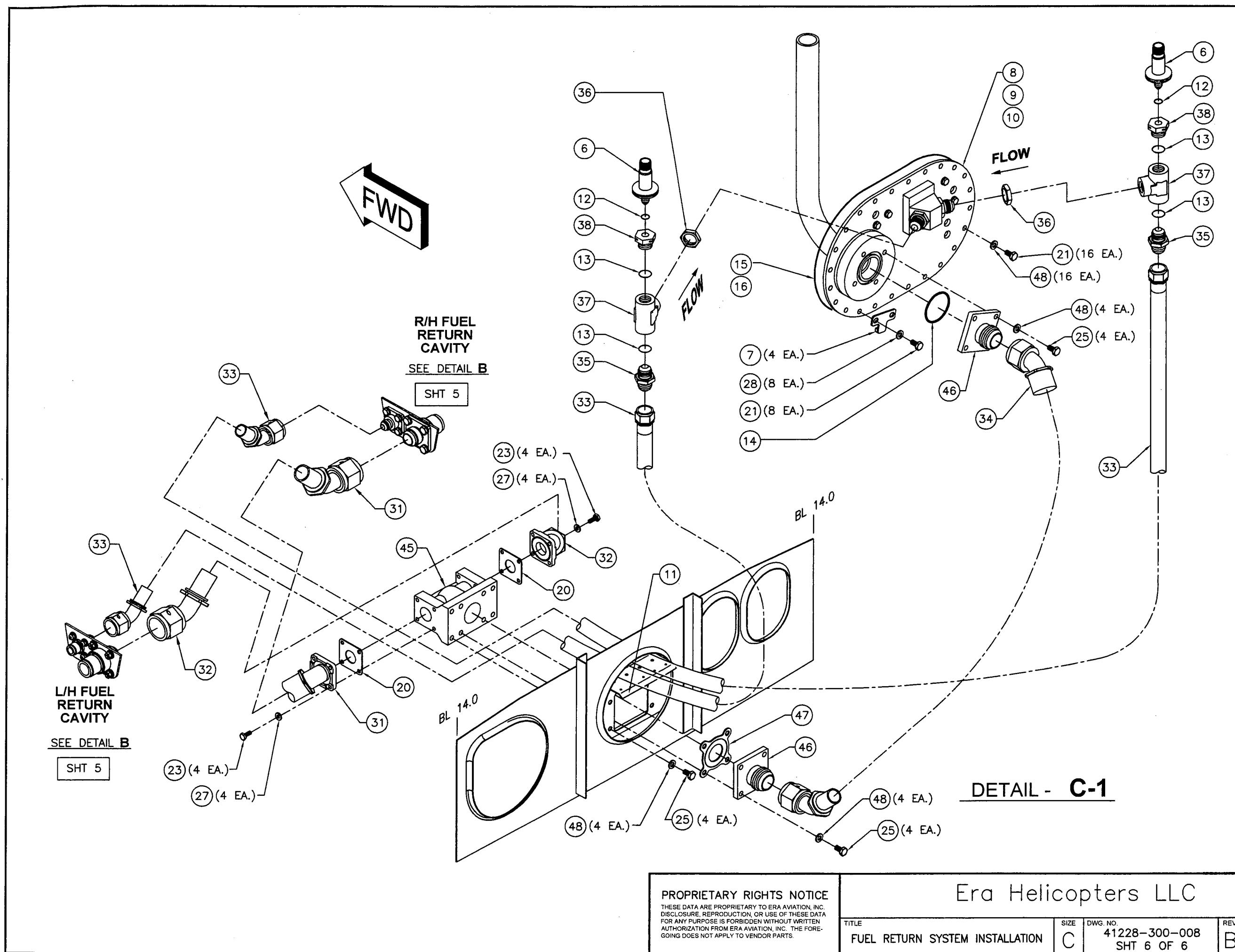
DETAIL B

INSTALLATION TYP. BOTH SIDES
WITH EXCEPTION OF COVER ITEM 4 & 5

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TITLE	SIZE	DWG. NO.	REV.
FUEL RETURN SYSTEM INSTALLATION	C	41228-300-008 SHT 5 OF 6	B



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TITLE	SIZE	DWG. NO.
FUEL RETURN SYSTEM INSTALLATION	C	41228-300-008 SHT 6 OF 6